

TEMPORARY TACHYARRHYTHMIA THERAPY MODES FOR ELECTROPHYSIOLOGIC TESTING

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ABSTRACT OF THE DISCLOSURE

10 Systems and methods implemented with an implantable medical device (IMD)
are provided for performing cardiac testing while temporarily disabling all or selected
antitachyarrhythmia therapy delivery capabilities of the device. An initiation signal
indicative of initiation of a cardiac test, such as an electrophysiologic test, is received by
the IMD. In response to the test initiation signal, a capability of delivering
15 tachyarrhythmia therapy to a chamber of the heart is temporarily disabled. While the
capability of delivering tachyarrhythmia therapy is disabled, the subject heart chamber
is monitored in response to electrophysiologic testing. The capability of delivering
tachyarrhythmia therapy is automatically re-enabled to ensure availability of
tachyarrhythmia therapy after completion or interruption of the electrophysiologic test.